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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/674,067	09/30/2003	Yasuhiro Hitomi	SN-US020279	1404
22919	7590	11/22/2005	EXAMINER	
SHINJYU GLOBAL IP COUNSELORS, LLP 1233 20TH STREET, NW, SUITE 700 WASHINGTON, DC 20036-2680			LANGDON, EVAN H	
			ART UNIT	PAPER NUMBER
			3654	

DATE MAILED: 11/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/674,067

Applicant(s)

HITOMI ET AL.

Examiner

Evan H. Langdon

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on 18 July 2005 and 15 August 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 10-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 10-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 3/1/05, 7/15/05.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 11-13, 15, 17 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nanbu (2002/0053617 A1) in view of Furomoto (JP 2002027878)

Nanbu discloses a fishing information display device 27 provided externally of a fishing reel that stores first information concerning the reel (31, 22, 13, 17), the fishing reel being adapted to output the first information to the fishing information display device 5 via an information communication unit of the fishing reel 21, the fishing information display device collecting second information 49 concerning fishing from an information communication unit 57 of an external information device 49, the fishing information display device comprising:

a fishing information display device information communication unit 61 which is configured to communicate with the information communication unit of the fishing reel 21 to acquire the first information, and wirelessly communicate with the information communication unit of the external information device 57 to acquire the second information.

Furomoto teaches a fishing information display device comprising:

a unit body;

a second display unit 5 mounted in the unit body for displaying information;

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a fishing information display device display control unit 31 configured to enable first information acquired (42) through the fishing information display device information communication unit 30 to be displayed on the second display unit,

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the fishing information display device of Nanbu to include a second display unit mounted to a unit body to acquire and display first information as suggested by Furomoto, to provide more accessible information. It further would have been obvious to enable the second display to acquire and display the second information.

In regards to claims 11 and 12 Nanbu as modified by Furomoto teaches first information including water depth (31, 22, 13, 17) and second information includes fish finder data 49 (Nanbu). It is inherent that fish finder data is data used to locate fish, indicating schools of fish and their travel direction.

In regards to claim 15, Nanbu as modified by Furomoto teaches second information storage means, second information transmitting means 49, 57, 55 (paragraph 70, Nanbu).

In regards to claim 18, Furomoto as modified by Nanbu teaches second external control means 6b (Figure 5, paragraph 25).

Claim 14 is rejected under 35 U.S.C. 103(a) as being unpatentable over Furomoto as modified by Nanbu teaches as applied to claim 10 above, and further in view of Kuriyama (JP 2002247940).

Kuriyama teaches a display means for switching between a detail mode in which information is displayed on the display unit in detail, and a simple mode in which the information is displayed on the display unit in a simplified manner.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the display of Nanbu as modified by Furomoto to include a simple and a detail mode as suggested by Kuriyama, to display various information and improve visibility.

### *Response to Arguments*

Applicant's arguments with respect to claims 10-18 have been considered but are moot in view of the new ground(s) of rejection. The recitation of an information communication unit of the external information device and an information communication unit of the fishing reel, and a fishing information display device information communication unit configured to wirelessly communicate with the information communication unit of the external information device, necessitated the new grounds of rejection.

### *Conclusion*

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

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however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Evan H. Langdon whose telephone number is (571)272-6948. The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kathy Matecki can be reached on (571) 272-6951. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



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